

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Alan Brundle et al.  
Appl. No.: 10/802,180  
Conf. No.: 3855  
Filed: March 17, 2004  
Title: SYSTEM AND METHOD FOR CONTROLLING CURRENT PROVIDED  
TO A STEPPING MOTOR  
Art Unit: 3746  
Examiner: Jessica L. Frantz  
Docket No.: EIS-6128 (112713-1115)

Mail Stop Issue Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

November 7, 2007

**COMMENTS ON STATEMENTS OF REASONS FOR ALLOWANCE**

Sir:

In response to the Notice of Allowability mailed on October 31, 2007, Applicants herewith submit comments on the Examiner's statement of reasons for allowance. These comments are filed in accordance with 37 C.F.R. 1.312, after the mailing of a notice of allowance and before the payment of the issue fee.

Applicants thank the Examiner for allowing the application. Applicants disagree with the scope of the Examiner's statement of the reasons for allowance, and herewith enclose comments that are in better agreement with the scope of the allowed claims. Applicants submit that the claims are allowable because, in one instance, the prior art does not teach or reasonably suggest a relational database relating a position in a pump cycle with an expected electrical current value.

In another instance, the prior art does not teach or reasonably suggest a table of an expected electrical current value for a plurality of motor positions or output volumes stored in a relational database accessible by the motor controller, and wherein the relational database includes a table for an expected electrical current value based upon at least one of an ambient temperature, a backpressure of the fluid pumped by the infusion pump, an age of the motor, and an age of tubing used in the infusion pump.

In another instance, the prior art does not teach or reasonably suggest a table of an expected electrical current value for a plurality of motor positions or output volumes stored in a relational database accessible by the motor controller, and wherein the relational database includes a table for an expected electrical current value based upon at least one of an ambient temperature, a backpressure of the fluid pumped by the infusion pump, an age of the motor, and an age of tubing used in the infusion pump.

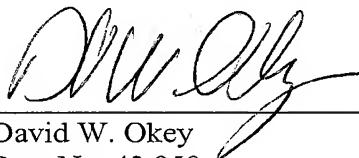
Applicants submit respectfully that these comments for the reasons for allowance are more in accord with the scope of the allowed claims. If the Examiner has any questions regarding this case or the above comments, Applicants request that the attorney below be contacted. The Commissioner is hereby authorized to charge deposit account 02-1818 for any fees which are due and owing, except for the issue fee.

Respectfully submitted,

BELL, BOYD & LLOYD LLP

November 7, 2007

BY

  
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